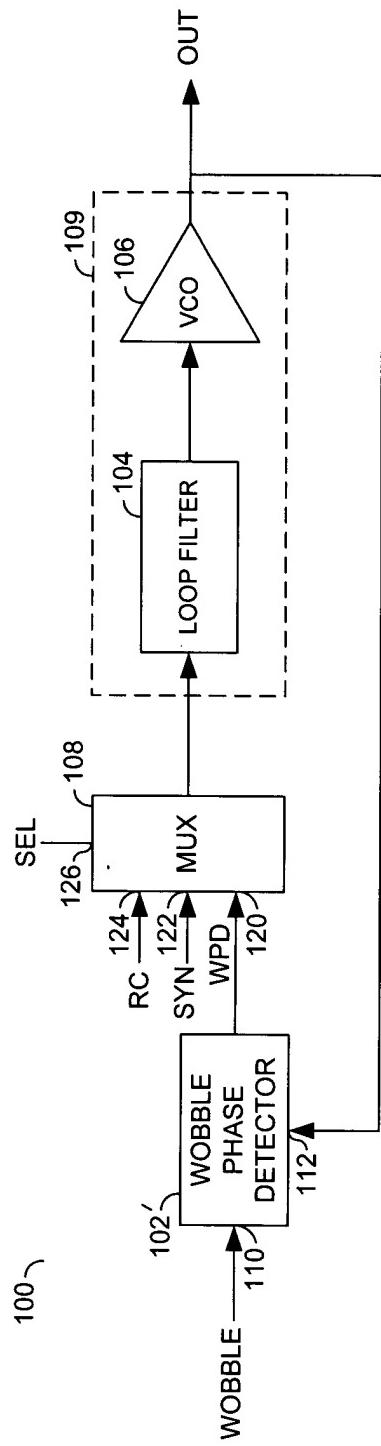
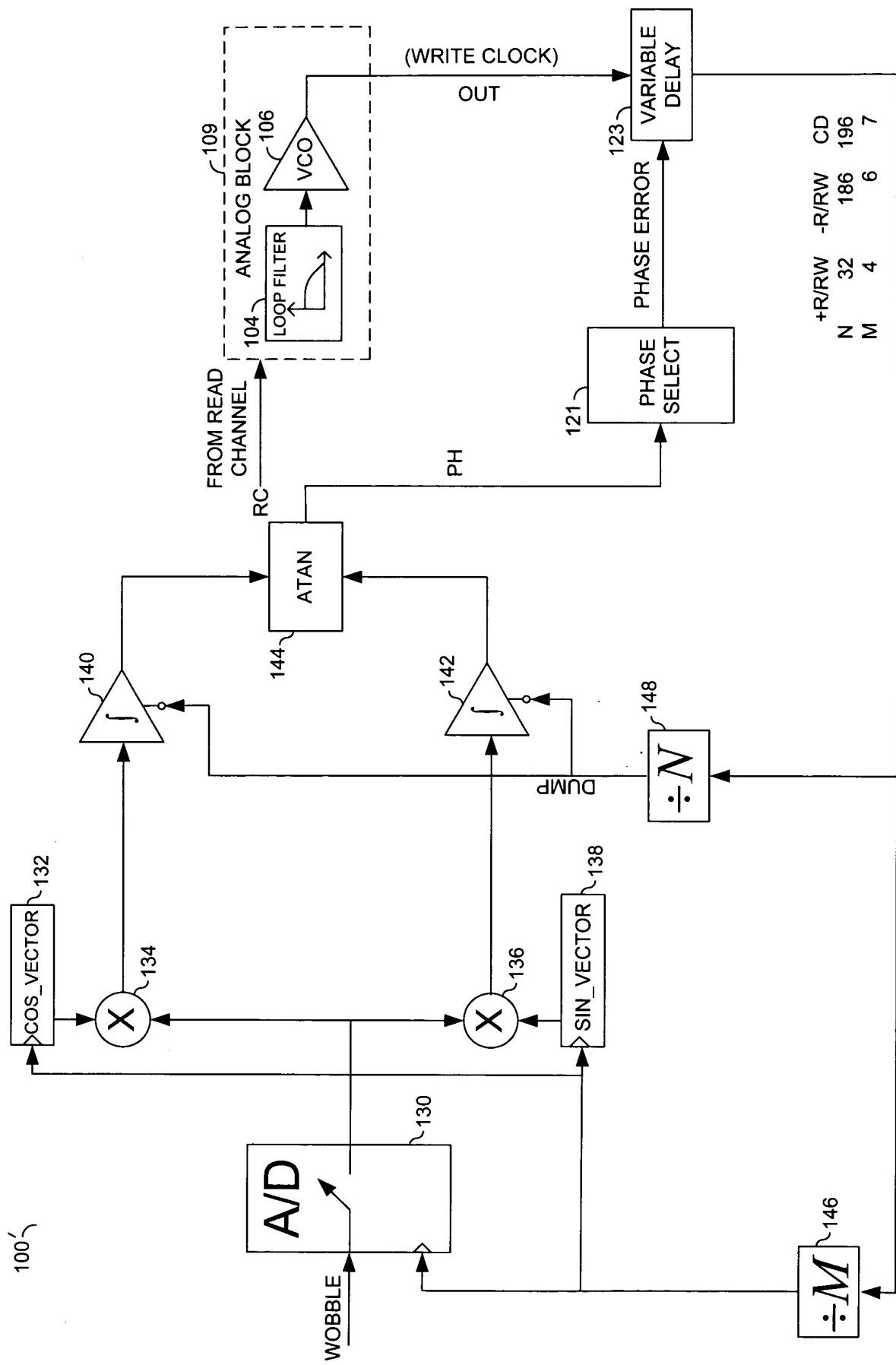
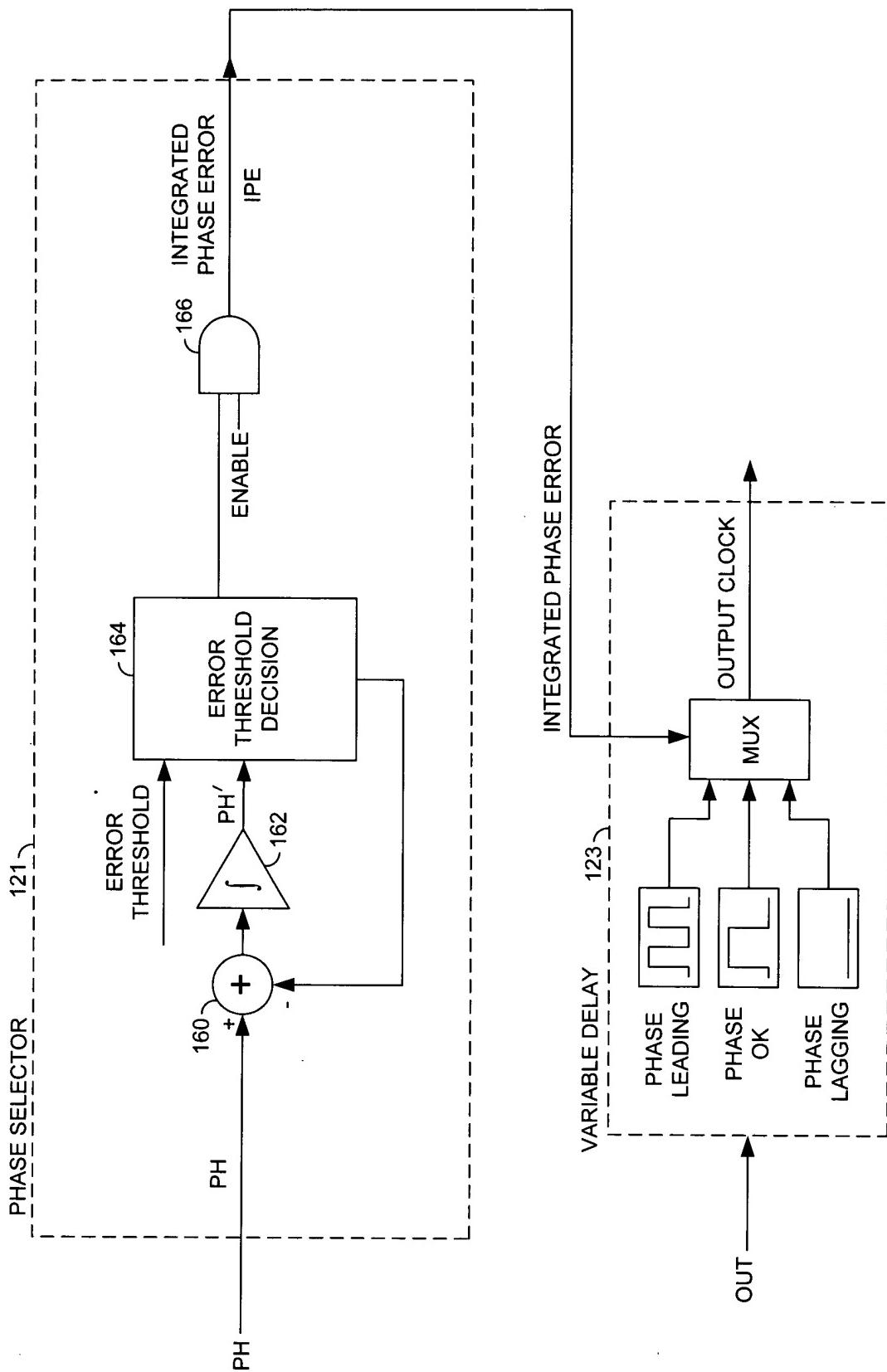
FIG. 1FIG. 2

**FIG. 3**

**FIG. 4**

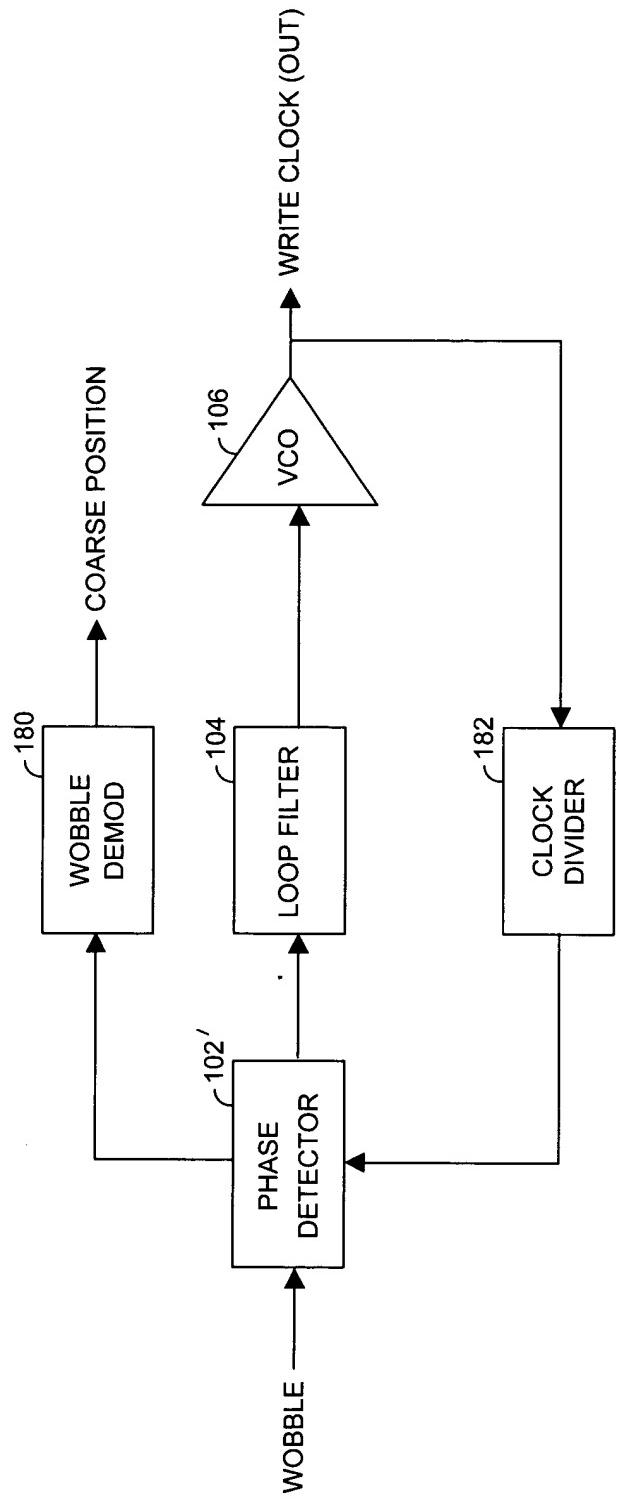


FIG. 5

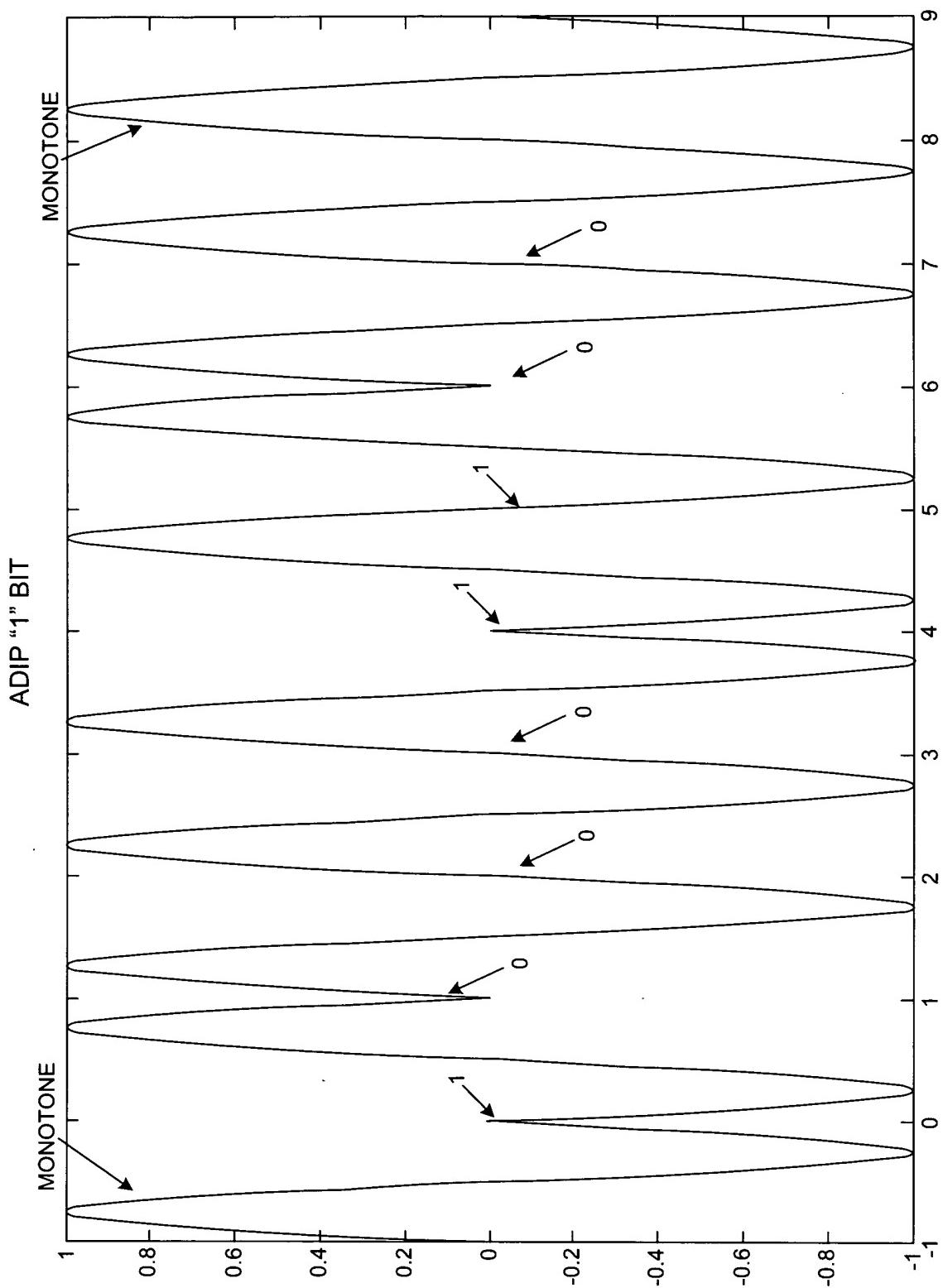
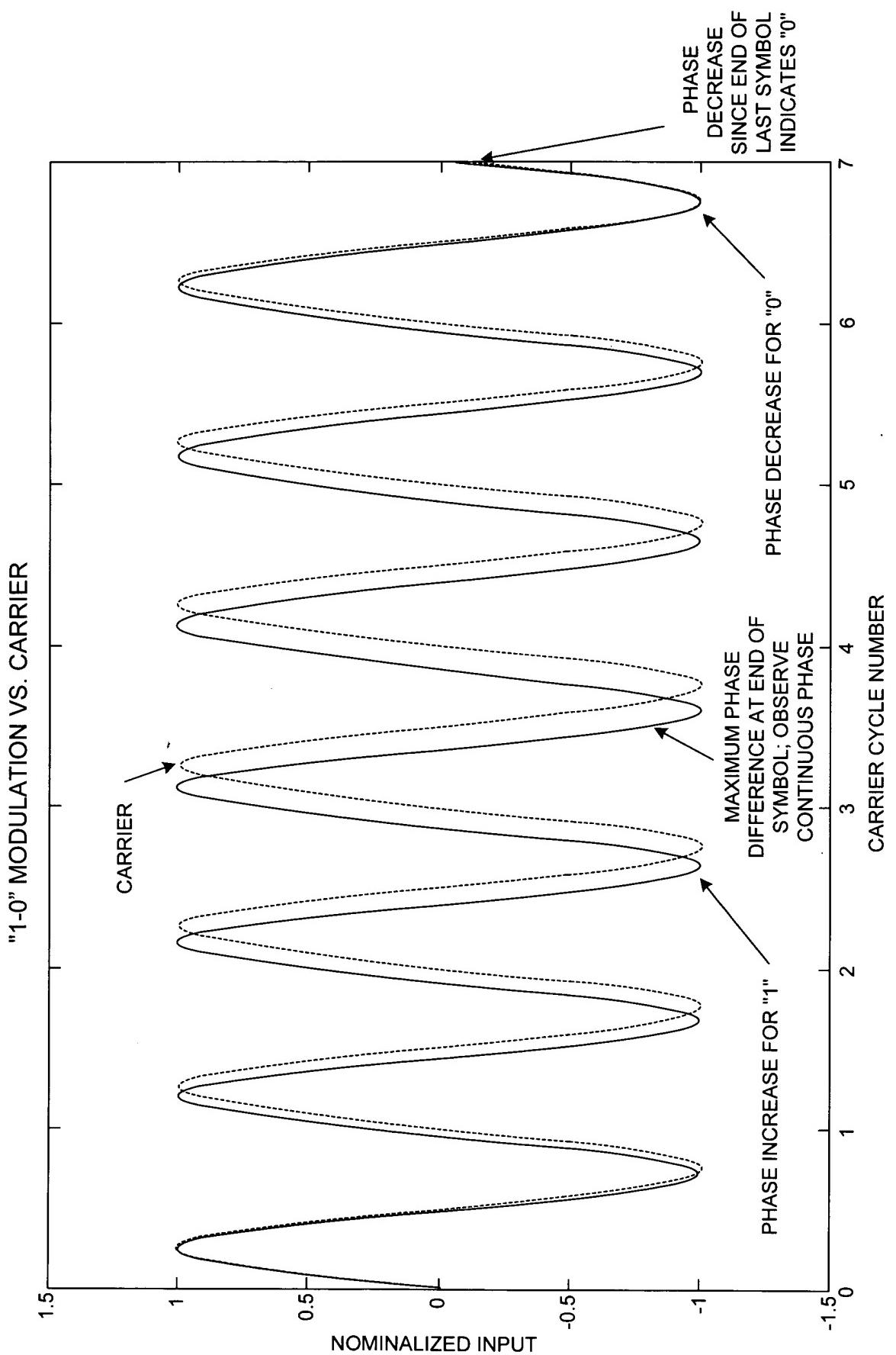
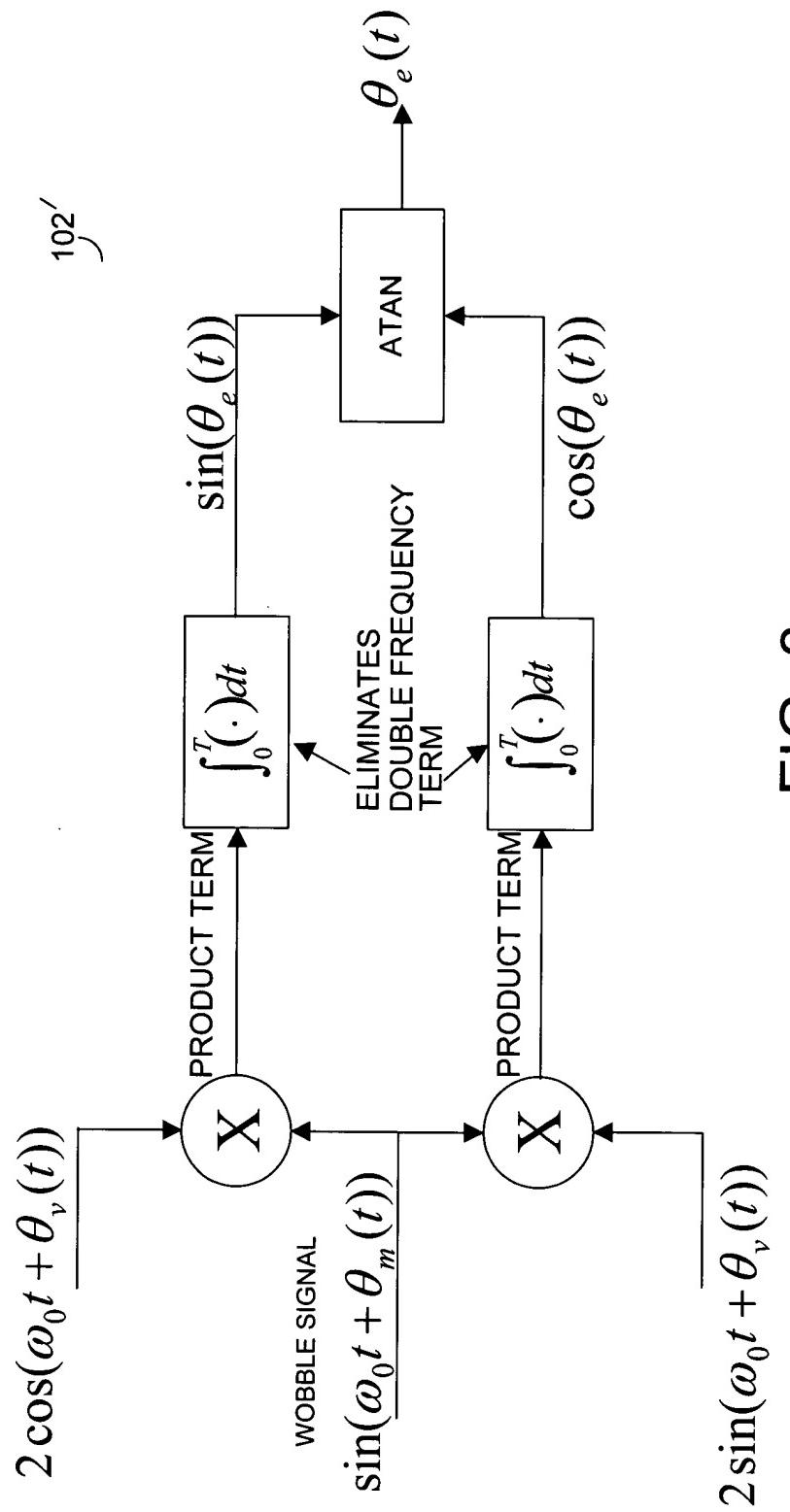
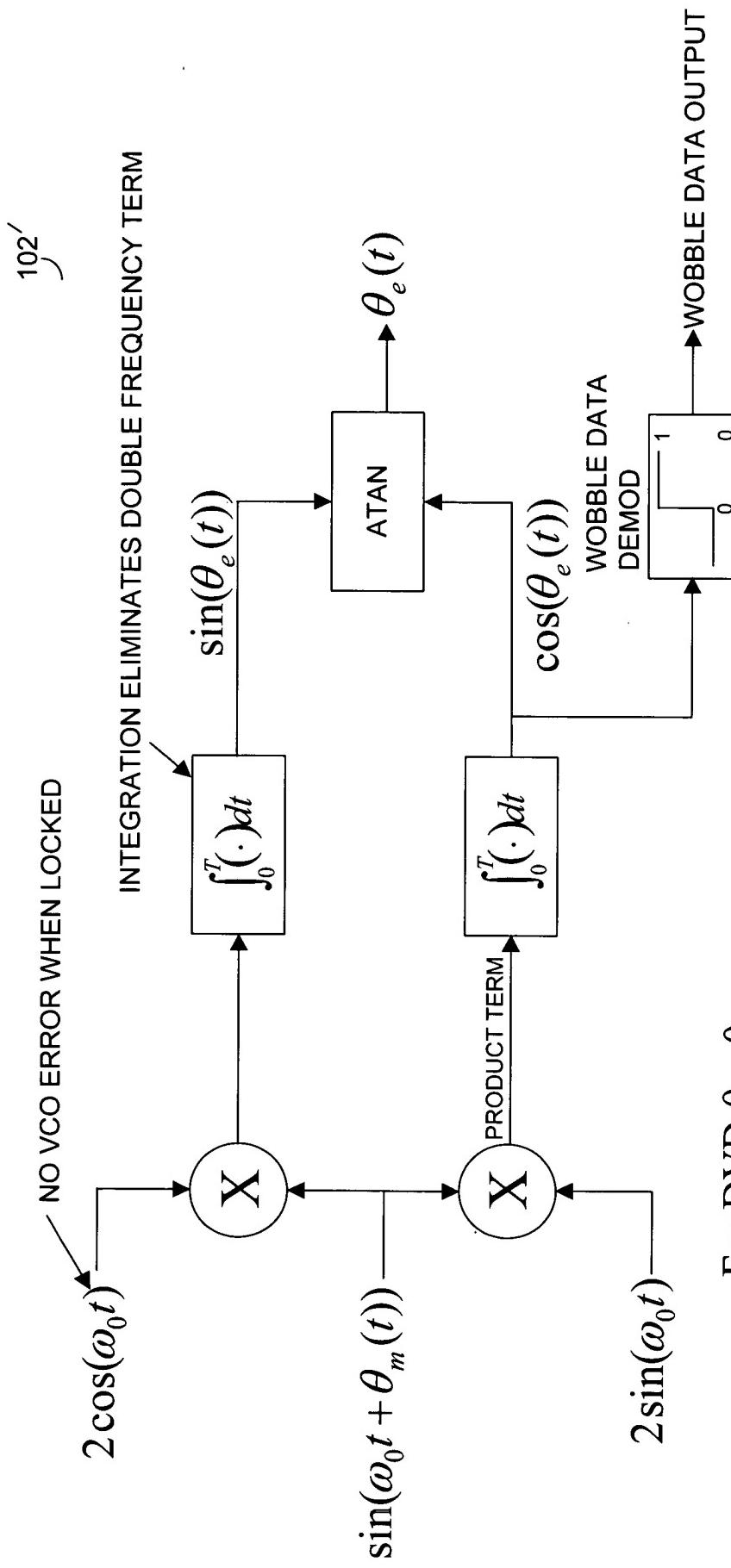


FIG. 6

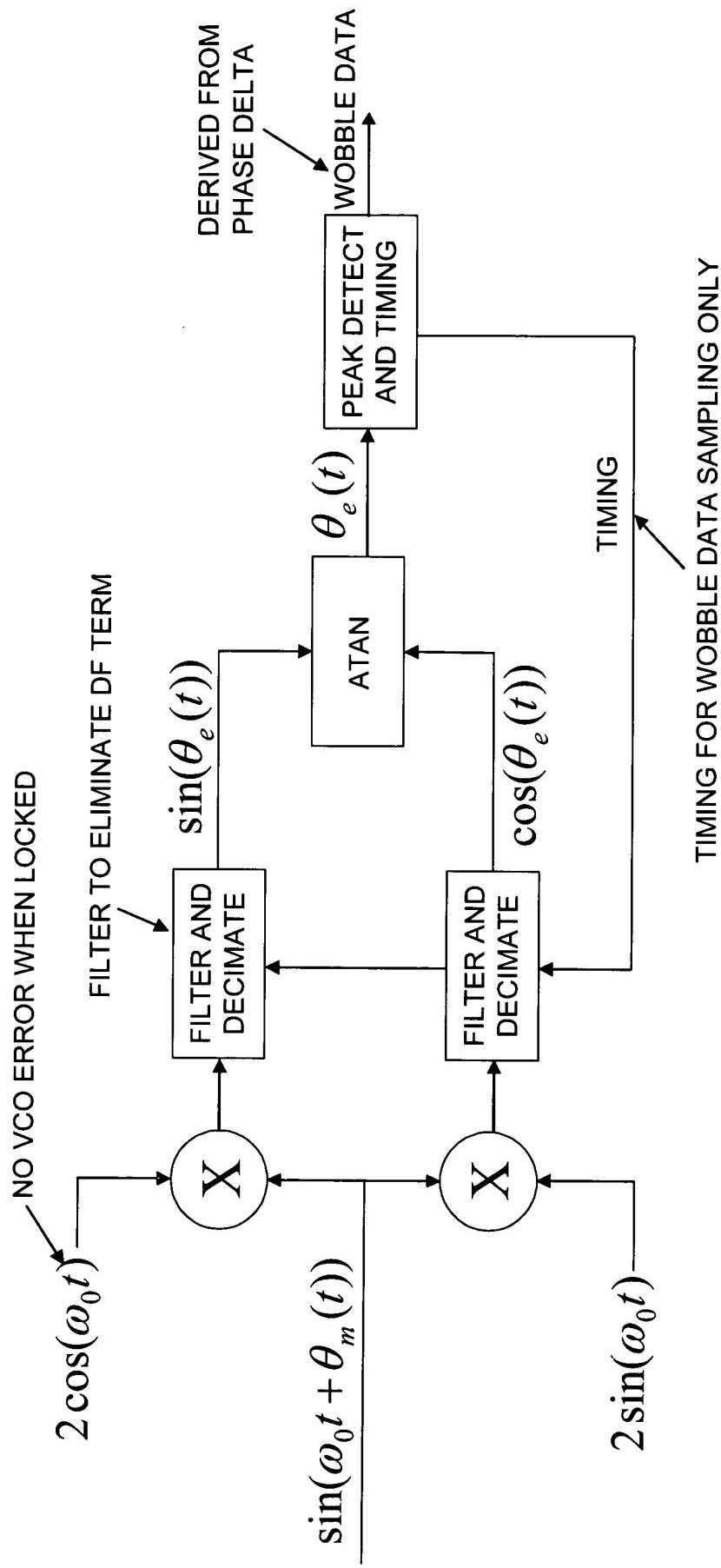
FIG. 7

**FIG. 8**

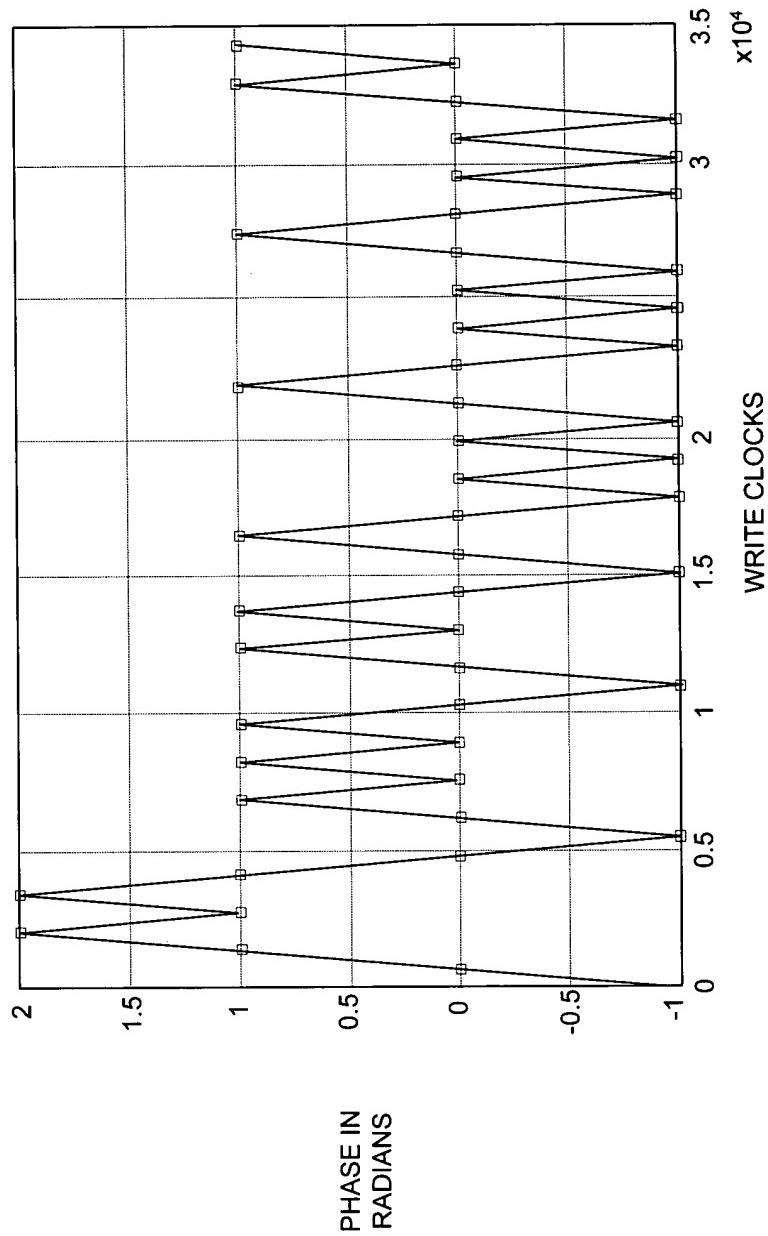


For DWD, $\theta_m = 0$ or π ,
 so $\theta_e = 0$ or π ,
 so $\cos(\theta_e) = 1$ or -1

FIG. 9

**FIG. 10**

PHASE DIFFERENCE BETWEEN CARRIER AND ATIP SIGNAL

FIG. 11